

251549080251200 MANATEE BAY CREEK NEAR HOMESTEAD, FL

LOCATION.--Lat 25°15'49", long 80°25'12", T.59, S., R.39, Miami-Dade County, Hydrologic Unit 03090202, located approximately 300 ft upstream of mouth, 9.5 mi north of Key Largo.

DRAINAGE AREA.--Indeterminate.

## WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 2003 to current year.

GAGE.--Satellite data collection platform with acoustic stage transducer, acoustic Doppler velocity meter. Datum of gage is North American Vertical Datum of 1988 (NAVD 88).

REMARKS.--Records good. Daily values are not published for this site. Discharge and gage height 15 minute data, are available in the files of the U.S. Geological Survey. Data can also be accessed online at <http://sofia.usgs.gov/>.

## EXTREMES FOR PERIOD OF RECORD.--

DISCHARGE: Maximum positive discharge 1060 ft<sup>3</sup>/s Sept. 10, 2005; maximum negative, 1150 ft<sup>3</sup>/s Aug. 26, 2005.

GAGE HEIGHT: Maximum gage height, 2.27 ft Sept. 20, 2005; minimum, -1.65 ft Mar. 28, 2005.

## EXTREMES FOR FOR CURRENT YEAR.--

DISCHARGE: Maximum positive discharge 1060 ft<sup>3</sup>/s Sept. 10; maximum negative, 1150 ft<sup>3</sup>/s Aug. 26.

GAGE HEIGHT: Maximum gage height, 2.27 ft Sept. 20; minimum, -1.65 ft Mar. 28.

## WATER-QUALITY RECORDS

## PERIOD OF RECORD.--

SALINITY (TOP AND BOTTOM): October 2003 to current year.

WATER TEMPERATURE (TOP AND BOTTOM): October 2003 to current year.

INSTRUMENTATION.--Water-quality monitor with top and bottom sensors.

REMARKS.--Salinity (TOP AND BOTTOM) record rated excellent. Temperature (TOP AND BOTTOM) records rated good. During periods of missing record, values may be higher or lower than the listed extremes. Salinity and temperature 15 minute data are available in the files of the U.S. Geological Survey. Data can also be accessed online at <http://sofia.usgs.gov/>.

## EXTREMES FOR PERIOD OF RECORD.--

SALINITY (TOP): Maximum recorded, 44.7 ppt July 18, 2004; minimum recorded, 0.1 ppt Sept. 5, 2004.

SALINITY (BOTTOM): Maximum recorded, 44.6 ppt July 18, 19, 2004; minimum recorded, 2.4 ppt Aug. 31, 2005 and Sept. 1, 2005.

WATER TEMPERATURE (TOP): Maximum recorded, 36.4°C July 29, 2005 and Aug. 4, 2005; minimum recorded, 13.2°C Dec. 21, 2003.

WATER TEMPERATURE (BOTTOM): Maximum recorded, 36.2°C Aug. 4, 2005; minimum recorded, 13.3°C Dec. 21, 2003.

## EXTREMES FOR CURRENT YEAR.--

SALINITY (TOP): Maximum recorded, 41.4 ppt May 31; minimum recorded, 1.5 ppt Aug. 29.

SALINITY (BOTTOM): Maximum recorded, 41.4 ppt May 23; minimum recorded, 2.4 Aug. 31, Sept. 1.

WATER TEMPERATURE (TOP): Maximum recorded, 36.4°C July 29, Aug. 4; minimum recorded, 14.8°C Dec. 21, Jan. 24, 25.

WATER TEMPERATURE (BOTTOM): Maximum recorded, 36.2°C Aug. 4; minimum recorded, 14.7°C Jan. 25.